

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079002.D
 Acq On : 7 May 2015 18:12
 Operator : TP/IZ
 Sample : G2035-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS

Quant Time: May 08 01:07:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 00:46:40 2015
 Response via : Initial Calibration

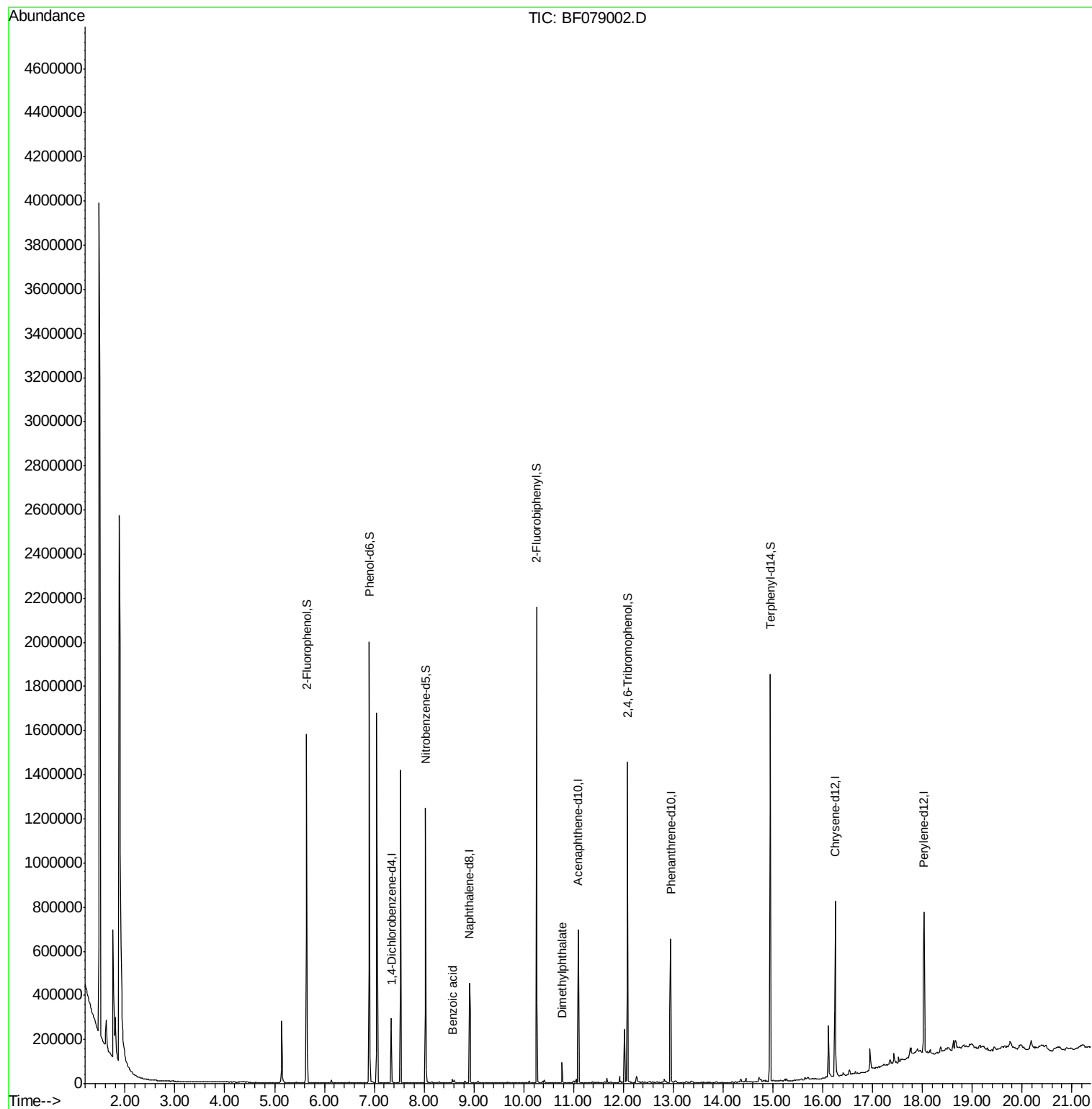
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	62054	20.00	ng	0.01
21) Naphthalene-d8	8.91	136	270092	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	140236	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	274777	20.00	ng	0.01
75) Chrysene-d12	16.25	240	301458	20.00	ng	-0.02
86) Perylene-d12	18.03	264	314832	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	483803	134.21	ng	0.01
7) Phenol-d6	6.90	99	665097	139.58	ng	0.01
23) Nitrobenzene-d5	8.03	82	383442	81.59	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	179018	118.00	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	638084	63.39	ng	0.00
78) Terphenyl-d14	14.95	244	778420	61.82	ng	0.01
Target Compounds						
32) Benzoic acid	8.57	122	3639	7.62	ng	93
49) Dimethylphthalate	10.76	163	37588	3.65	ng	98

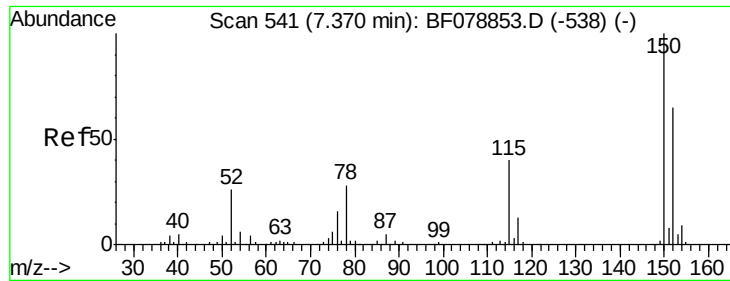
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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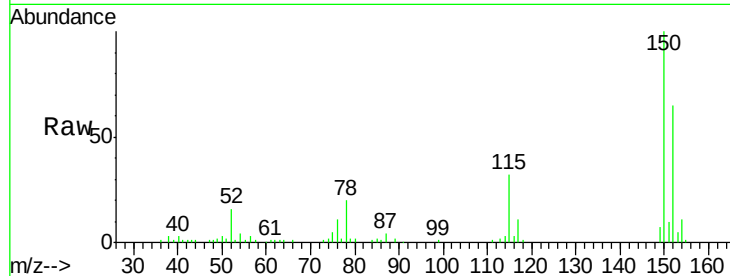


#1

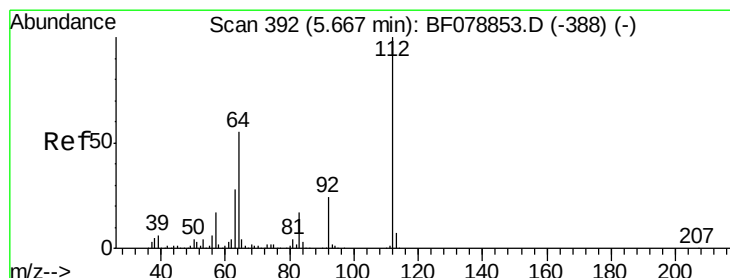
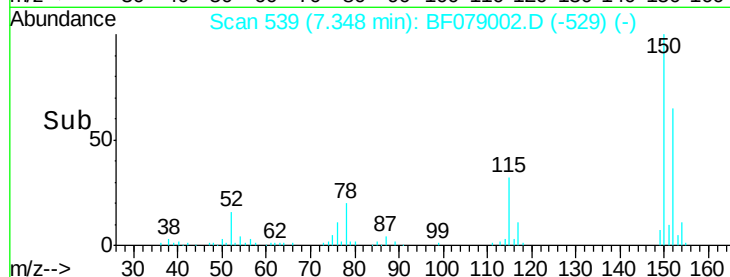
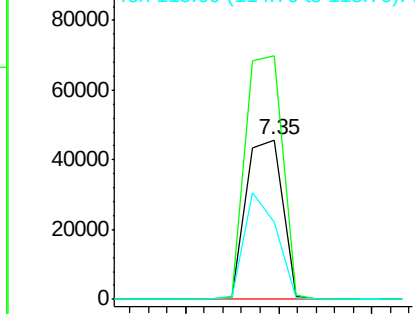
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF079002.D
Acq: 7 May 2015 18:12

Instrument :
BNA_F
ClientSampleId :
TP-17-SS

Tot Ion:152 Resp: 62054
Ion Ratio Lower Upper
152 100
150 153.0 122.0 183.0
115 48.7 46.3 69.5



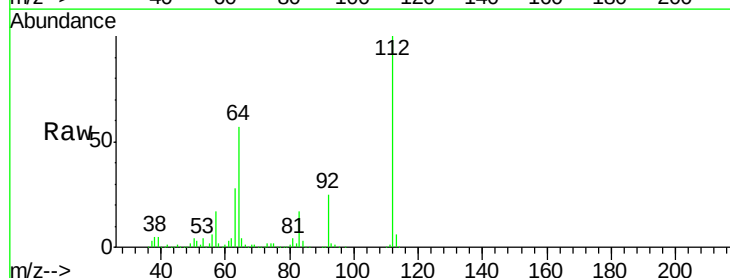
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



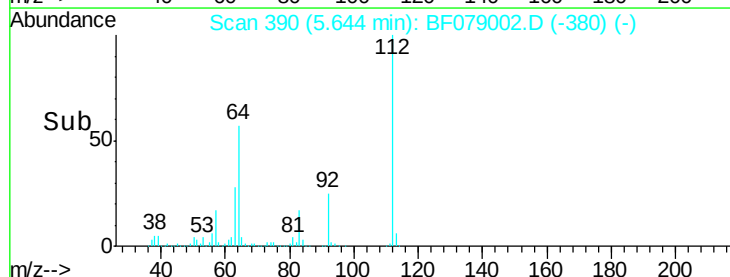
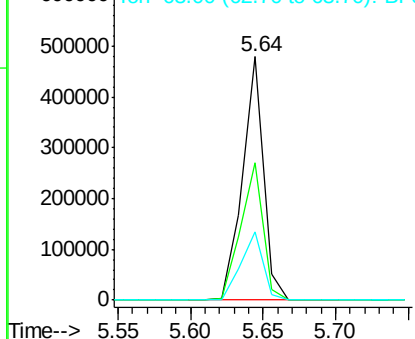
#5

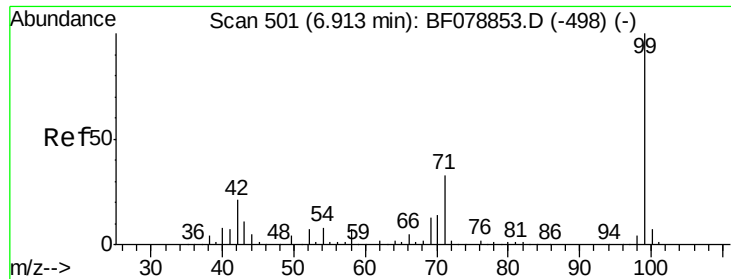
2-Fluorophenol
Concen: 134.21 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF079002.D
Acq: 7 May 2015 18:12

Tgt Ion:112 Resp: 483803
Ion Ratio Lower Upper
112 100
64 56.7 53.5 80.3
63 28.2 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.58 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF079002.D

Acq: 7 May 2015 18:12

Instrument :

BNA_F

ClientSampleId :

TP-17-SS

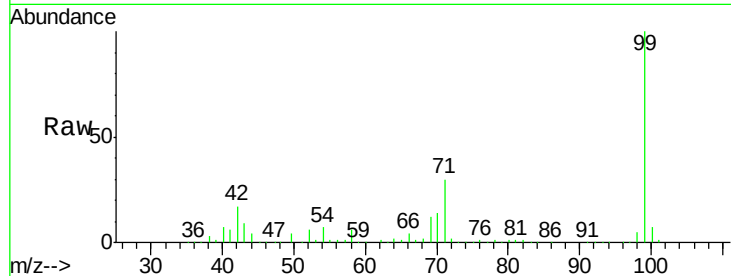
Tot Ion: 99 Resp: 665097

Ion Ratio Lower Upper

99 100

42 17.3 12.8 19.2

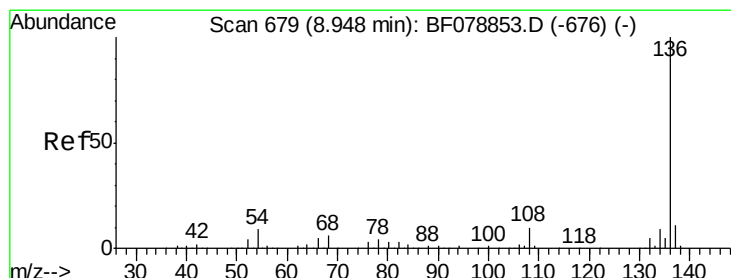
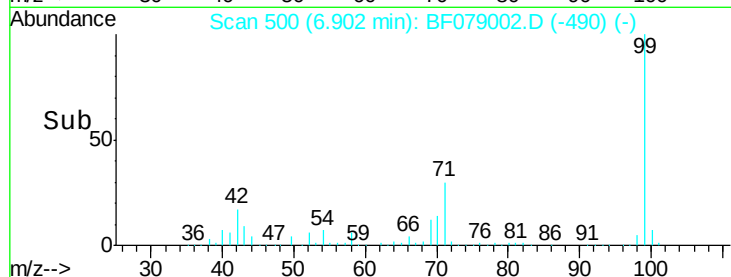
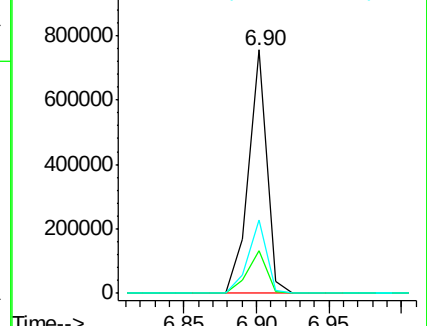
71 30.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF079002.D

Acq: 7 May 2015 18:12

Tgt Ion: 136 Resp: 270092

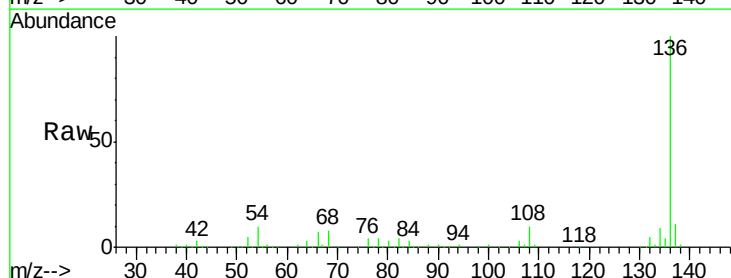
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.4 5.8 8.8#

68 7.9 4.2 6.4#

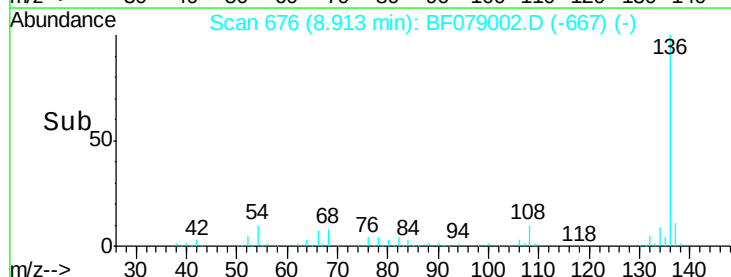
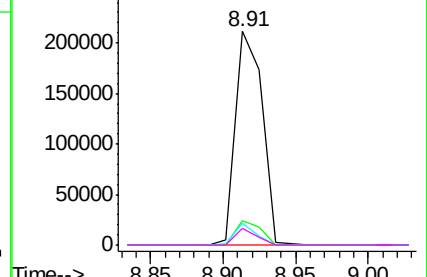


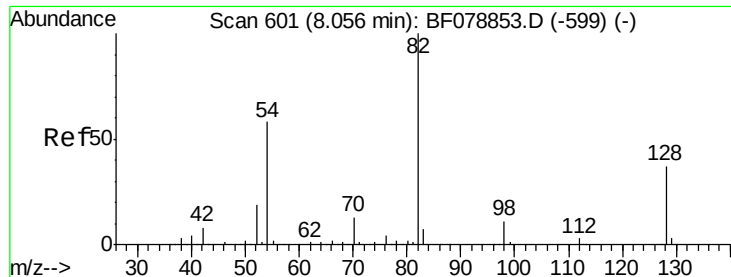
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

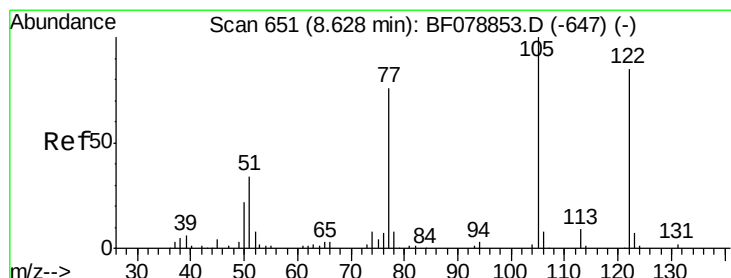
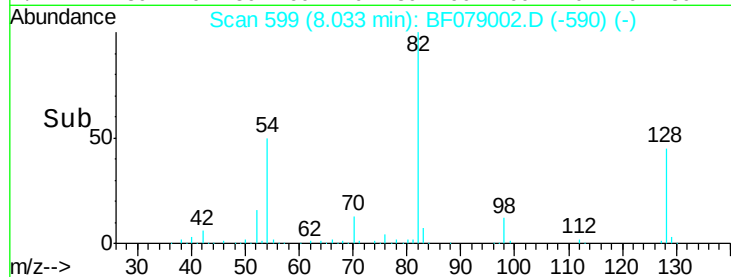
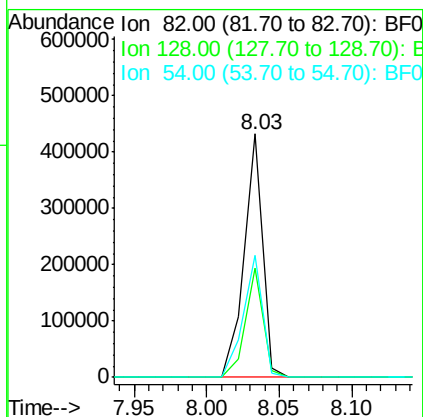
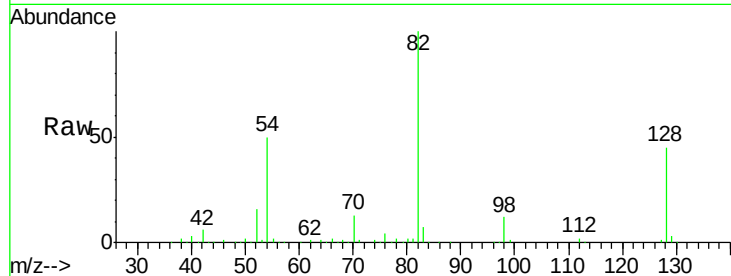




#23
 Nitrobenzene-d5
 Concen: 81.59 ng
 RT: 8.03 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF079002.D
 Acq: 7 May 2015 18:12

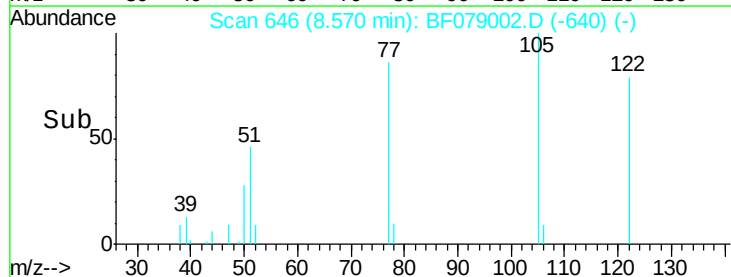
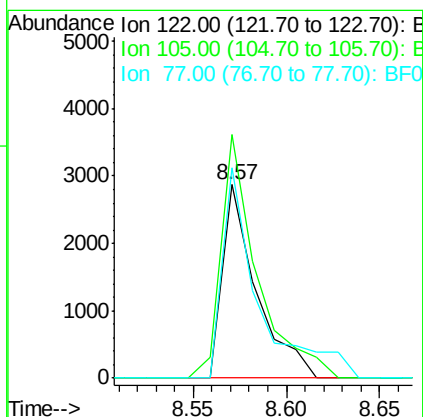
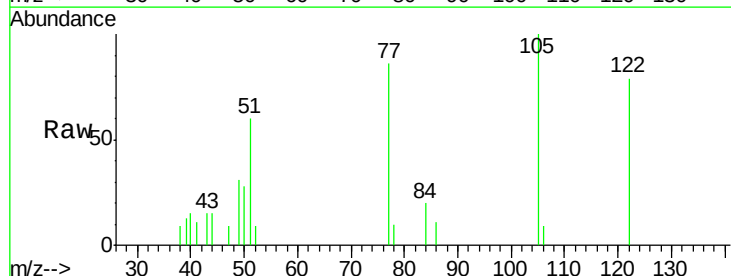
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS

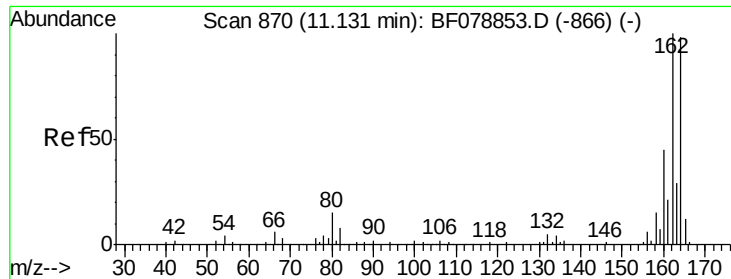
Tot Ion: 82 Resp: 383442
 Ion Ratio Lower Upper
 82 100
 128 44.9 30.0 45.0
 54 50.4 46.4 69.6



#32
 Benzoic acid
 Concen: 7.62 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF079002.D
 Acq: 7 May 2015 18:12

Tgt Ion: 122 Resp: 3639
 Ion Ratio Lower Upper
 122 100
 105 125.8 107.1 147.1
 77 108.6 73.9 113.9

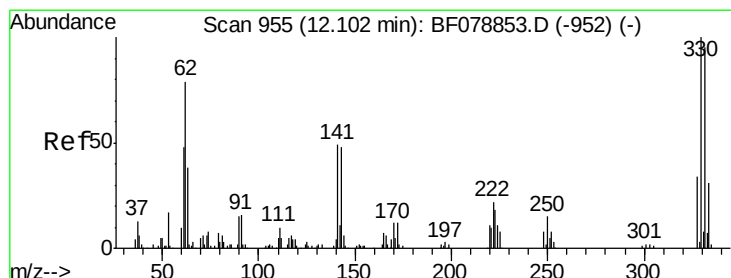
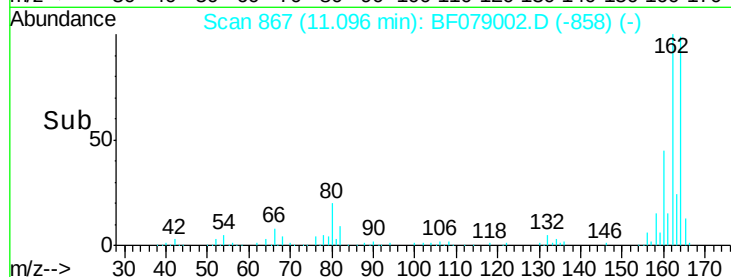
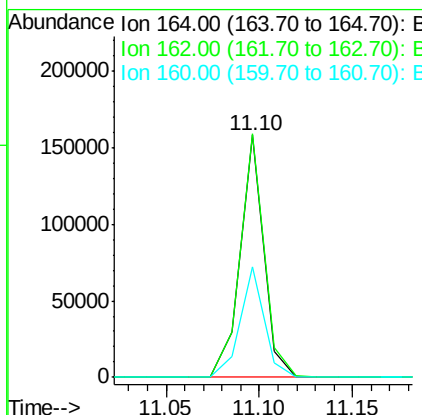
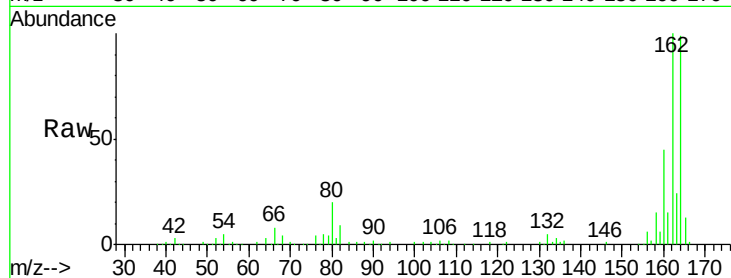




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF079002.D
 Acq: 7 May 2015 18:12

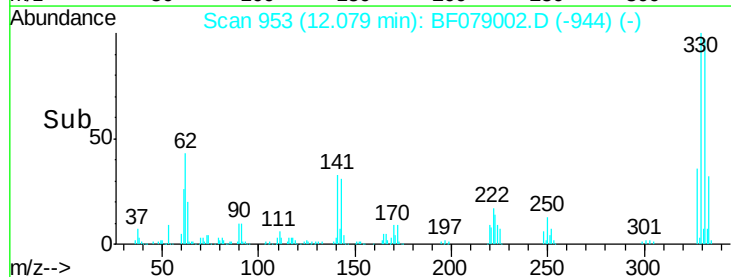
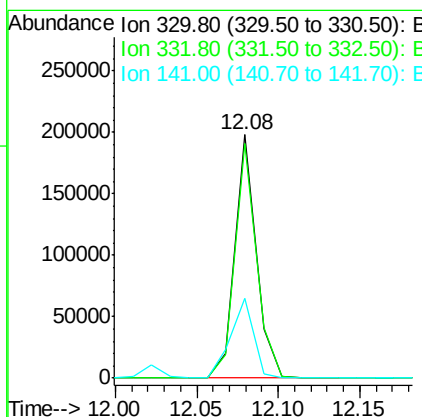
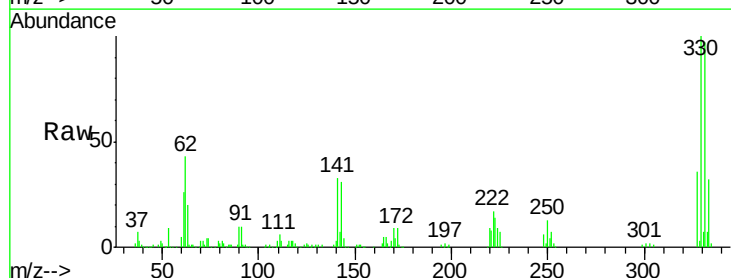
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS

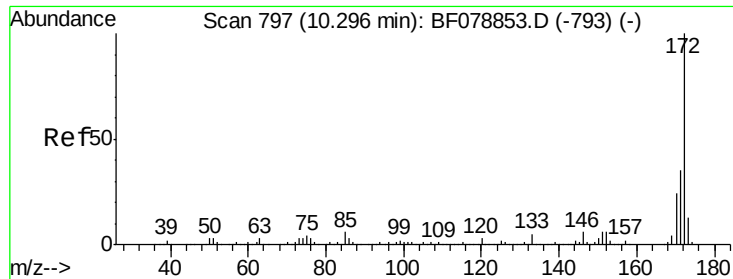
Tot Ion:164 Resp: 140236
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.7 124.1
 160 45.6 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 118.00 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF079002.D
 Acq: 7 May 2015 18:12

Tgt Ion:330 Resp: 179018
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 35.4 0.0 0.0#

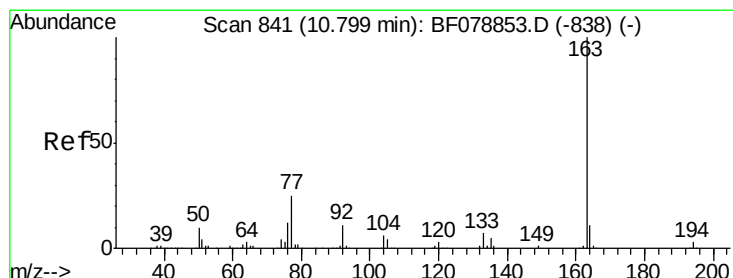
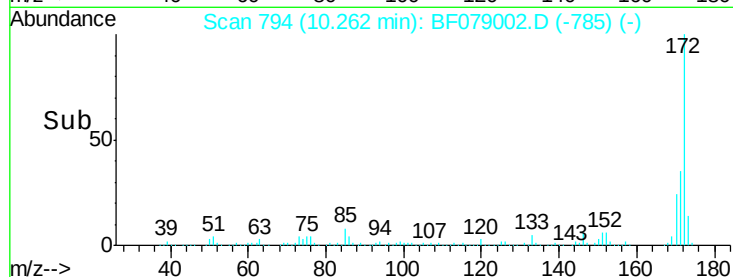
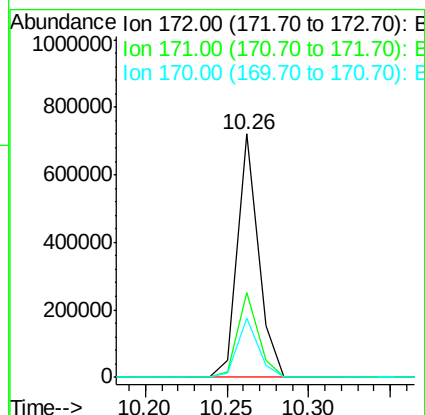
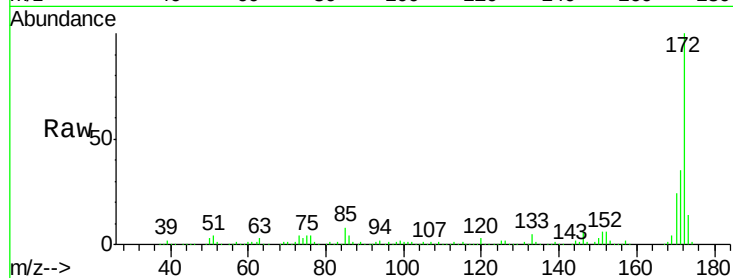




#44
2-Fluorobiphenyl
Concen: 63.39 ng
RT: 10.26 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF079002.D
Acq: 7 May 2015 18:12

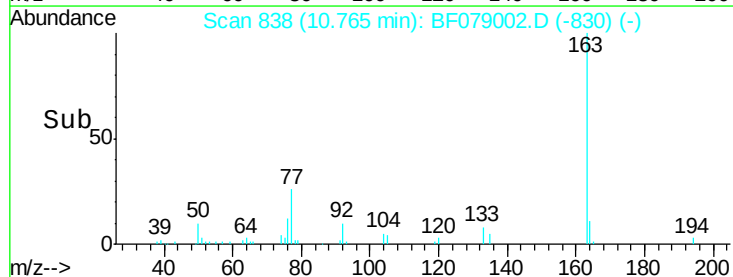
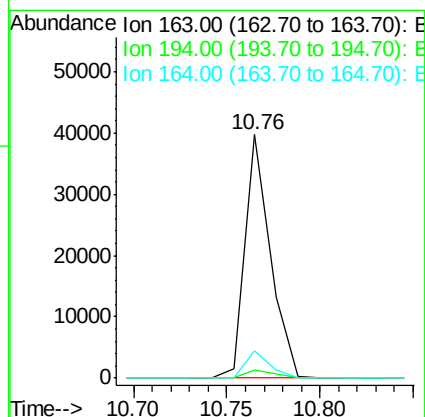
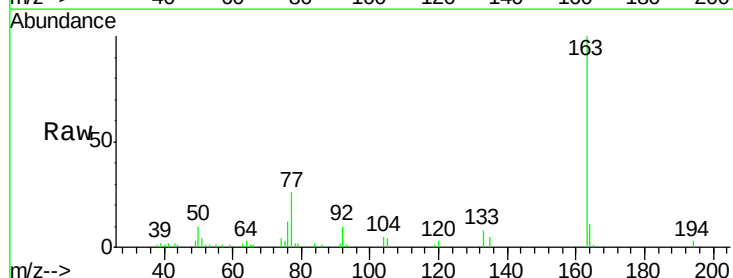
Instrument :
BNA_F
ClientSampled :
TP-17-SS

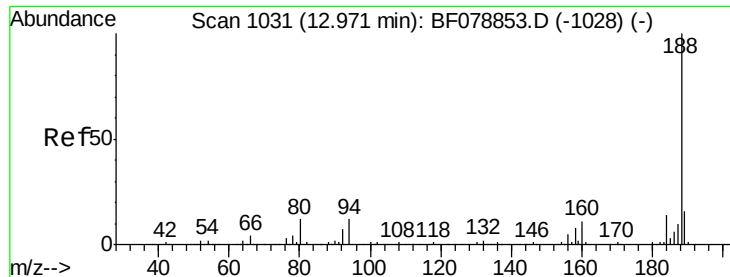
Tot Ion:172 Resp: 638084
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 24.3 19.4 29.0



#49
Dimethylphthalate
Concen: 3.65 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF079002.D
Acq: 7 May 2015 18:12

Tgt Ion:163 Resp: 37588
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 11.1 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.95 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF079002.D

Acq: 7 May 2015 18:12

Instrument :

BNA_F

ClientSampleId :

TP-17-SS

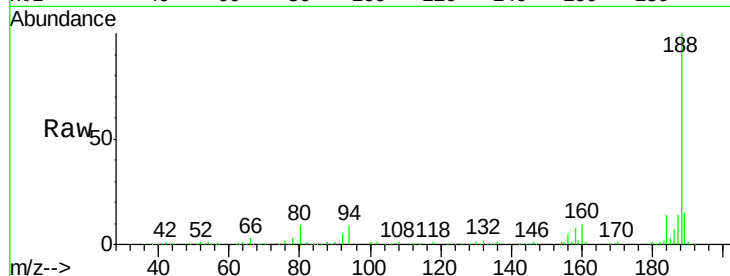
Tot Ion:188 Resp: 274777

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

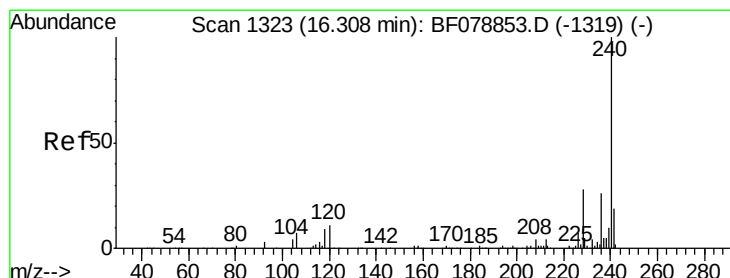
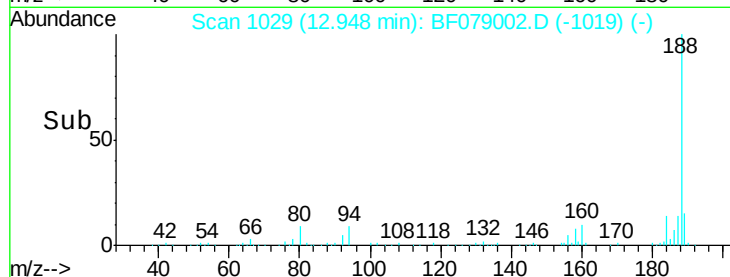
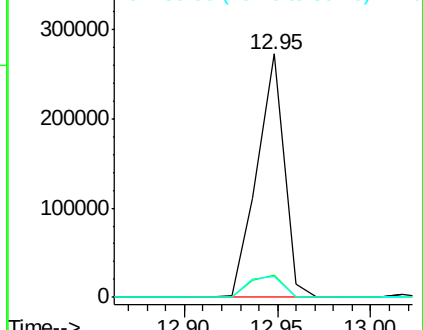
80 8.5 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF079002.D

Acq: 7 May 2015 18:12

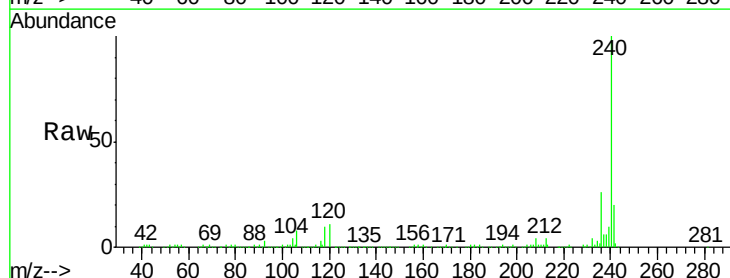
Tgt Ion:240 Resp: 301458

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

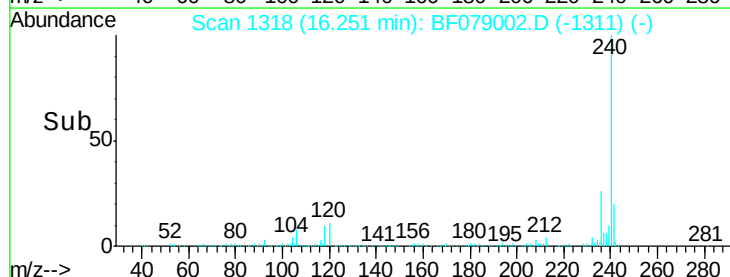
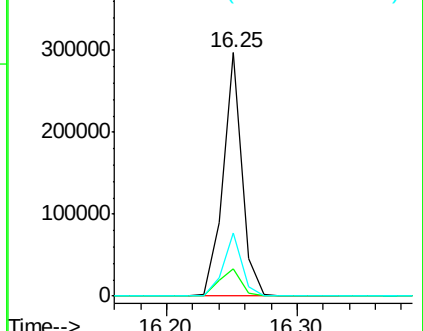
236 25.9 20.2 30.4

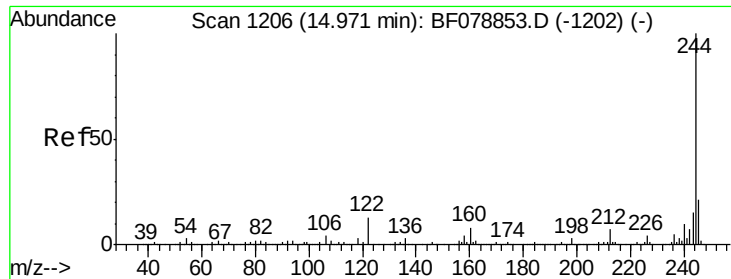


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

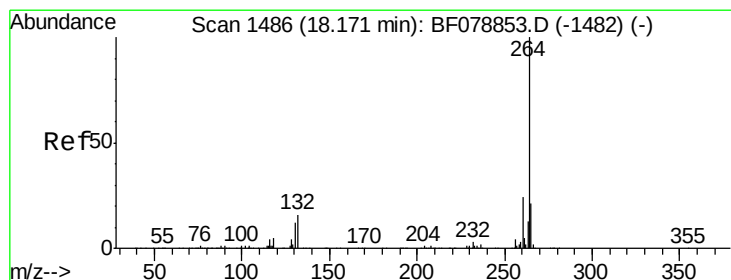
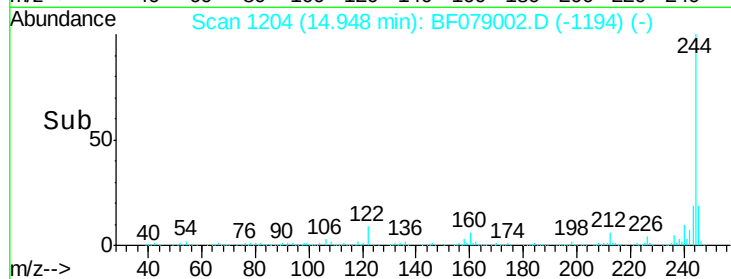
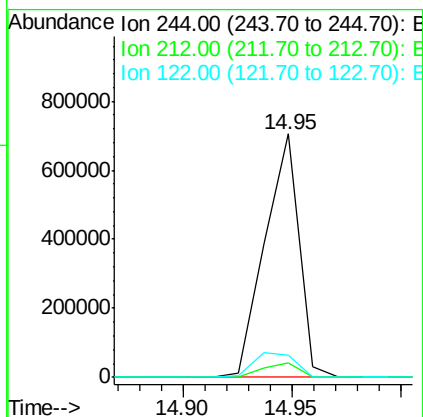
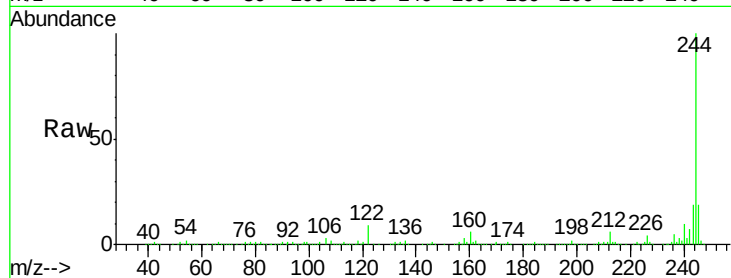




#78
 Terphenyl-d14
 Concen: 61.82 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF079002.D
 Acq: 7 May 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS

Tot Ion:244 Resp: 778420
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 8.9 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. -0.10 min
 Lab File: BF079002.D
 Acq: 7 May 2015 18:12

Tgt Ion:264 Resp: 314832
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 18.3 27.5

